

Exceptional Item

The Barshop Institute for Longevity and Aging Studies

\$4 Million

For a quarter-century the UT Health Science Center San Antonio has conducted a strong research program in the biology of aging. In 2001 the UT System Board of Regents approved the naming of the Sam and Ann Barshop Institute for Longevity and Aging Studies, which honors Texas philanthropists Sam and Ann Barshop. In 2005 the Health Science Center dedicated the Barshop Institute facility, which was primarily funded through private donations. In fiscal 2009 the Barshop Institute ranked first among Texas institutions in funding from the National Institute on Aging (NIA) and was in the top five nationally among medical centers in NIA funding. The Barshop Institute recruited leaders in aging from Harvard Medical School, Baylor College of Medicine, the University of North Carolina and Mount Sinai Medical School, and has been funded through research grants and private donations. The state funds requested by the Barshop Institute will allow continued expansion of aging-related research at the Health Science Center while also growing a new Center for Healthy Aging. This multidisciplinary center will deliver the best geriatric care and conduct outstanding research on the management of age-associated illnesses. The Center for Healthy Aging is the clinical arm of the Barshop Institute and will become as well recognized for its service and research as the Barshop Institute is recognized for basic biomedical research. The linkages between the basic biology of aging and the Center for Healthy Aging will provide opportunities for translational and clinical gerontological science to flourish at the Health Science Center, improving the quality of life for all Texans as they age. The Health Science Center is in the enviable position of having the best aging research institute in the world at a time when research in aging is expected to increase significantly. This research will lead to major discoveries in the processes of aging and age-related diseases. Discoveries emanating from the Barshop Institute will provide therapeutic targets to ultimately treat the growing numbers of elderly in Texas and the United States. In addition, the Barshop Institute will be at the forefront of training physicians in geriatric medicine. The training of such individuals will be critical in meeting the needs of an aging population that is increasing exponentially.



Tuition Revenue Bonds (TRBs)

\$2.5 Million - Debt Service

In anticipation of the 83rd Texas Legislature authorizing and funding the debt service for higher education during the 2014-2015 biennium, the Health Science Center is requesting TRB funding for the two capital projects below:

Barshop Institute for Longevity & Aging Studies - \$8 million (Bonding Authority Request)

To construct the Enhanced Performance Laboratory which would focus its efforts on developing a translational aging research program geared towards developing strategies, personnel infrastructure and enable our scientists to study populations by evaluating treatments targeting the fundamental process of aging which can delay the onset of chronic diseases and disabilities in humans.

Diabetes Institute of South Texas - \$6 million (Bonding Authority Request)

To construct an Institute of South Texas at our Regional Campus Laredo to house our diabetes and nutritional programs, and will serve the local population where diabetes is prevalent.

About Us: We are the only Tier One research university in San Antonio and South Texas and are ranked among the top 10% of all research universities in the nation. We rank in the top 3% of all institutions worldwide receiving National Institutes of Health (NIH) funding. Research and other sponsored program activity totaled \$231 million in FY 2011. The university's schools of Medicine, Nursing, Dentistry, Health Professions and Biomedical Sciences have produced more than 28,726 graduates since 1970. We are the major catalyst for the City of San Antonio's \$24.5B a year biosciences and health care industry, a leading economic generator for the city. For more information on the many ways "We make lives better," visit www.uthscsa.edu.

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3,255 Total Student Enrollment as of Fall 2012

- 911 Medical Students
- 570 Dental Students
- 824 Nursing Students
- 546 Health Professions Students
- 404 Graduate School of Biomedical Sciences Students

844 Total Residents/Fellows as of Fall 2012

- 719 Medical Residents
- 125 Postdoctoral/Research Fellows



Funding Priorities 83rd Texas Legislature

2014-2015
BIENNIUM



Formula Funding

In addition to our exceptional items, we endorse the Texas Higher Education Coordinating Board's (THECB's) Health Related Institutions (HRI) formula funding recommendations for the following areas:

- Restore and enhance the Instruction and Operations (I&O) Formula and that additional funds be added to ultimately restore the FYs 2000 and 2001 Full Time Student Equivalent (FTSE) rates over the next three biennia.
- Restore and enhance the Infrastructure Formula over the next biennia, additional funds to be added to restore the infrastructure support rates to their original FYs 2000 and 2001 levels.
- Restore and enhance the Research Enhancement Formula factor percentage over the next three biennia.
- Restore and enhance the Graduate Medical Education (GME) formula funding rate to be increased for the FYs 2014 and 2015 biennium by an additional 13.03 percent.

We remain dedicated to focusing our resources on educational efforts and disease-related clinical and life science research that address the critical health workforce needs of Texas especially in San Antonio and South Texas. We will continue to be a major partner in addressing the diseases and health-related conditions that disproportionately affect San Antonio and South Texans.



Exceptional Item

San Antonio Life Sciences Institute (SALSI)

\$4 Million

The 77th Legislature (HB 1716, Puente/Van de Putte) authorized the creation of the San Antonio Life Sciences Institute (SALSI). The institute was established in 2004 with initial support from the UT System, UTSA and UTHSCSA. SALSI drives the expansion of new scientific knowledge throughout Texas and the world. It enhances the research, teaching and service missions of both institutions. This collaboration enables joint doctoral programs and research projects. It drives initiatives that stimulate the growth of the biomedical and biotechnology industries in San Antonio. It fosters the commercialization of the products of research with institutional partners such as the Southwest Research Institute and Southwest Foundation for Biomedical Research. SALSI has already demonstrated how an educational institution and a health science center have joined forces for a greater research and graduate education. The goal of SALSI has been met and as a result, we have developed synergies in research and education which have exceeded combined efforts of the institutions if each acts alone. The results are enhanced research funding at the partner institutions and new advanced degree opportunities for students. In addition, emergent biomedical/biotechnology industry has offered a unique opportunity for us to develop university/industry partnerships, which has helped San Antonio and South Texas become a major player in the industries of the future. A new Vaccine Center has been developed in conjunction with the Texas Biomedical Research Institute (TBRI) and Southwest Research Institute (SWRI). With a rich return on investment, philanthropic success, large number of joint publications, and new research centers, new educational programs have been established and supported such as the Biomedical Engineering (BME) and the new Translational PhD Programs.



Exceptional Item

Regional Academic Health Center (RAHC)

\$61.5 Million

The 75th Legislature (SB606, Lucio/Hinojosa) authorized the creation of the RAHC. The medical student educational programs began in July 2002 with the opening of the Medical Education Division in Harlingen. The Medical Research Division (MRD) facility in Edinburg at the UT Pan American campus, opened in April 2006, is undertaking research on diseases prevalent in the South Texas Border Region. General Revenue funding in the amount of \$61.5M is needed to maintain current operations at the RAHC and to begin implementing the intentions of Senate Bill 98 (Lucio, co-authors Hinojosa/Zaffirini/House sponsor Lucio III) from the 81st Legislature in a phased-in approach that establishes the RAHC as a free-standing medical school in South Texas and provides the programmatic and infrastructure support as outlined in the University of Texas System's road map to expand undergraduate medical education (UME), graduate medical education (GME), and research. General Revenue funds will be important to help expand the 1st and 2nd year School of Medicine student bodies, thereby allowing the eventual doubling of third and fourth year medical students assigned to the RAHC; to help recruit outstanding faculty, expanding residency training programs; help recruit outstanding faculty important for educating the next generation of health care professionals, expanding residency training programs and for recruiting top scientists to the Lower Rio Grande Valley (LRGV) and, to help leverage with our RAHC clinical partners to build additional residency programs and recruit clinician/scientists.



Exceptional Item

Regional Campus Laredo (RCL)

\$12.8 Million

The 76th legislature (SB1288, Zaffirini/Cuellar) authorized the creation of the RCL to provide remote health professional education resources to meet community-defined health professional education and clinical training needs in the Laredo area. The D.D. Hachar Administrative building and the academic building are currently supporting a variety of health professional training programs in medical, dental, health professions and public health education. The goal is to (1) provide graduate health education opportunities for local students, expanding graduate education through distance education technology (2) recruit academic faculty and staff to establish a community-based intervention program for diabetes and obesity (3) link the regional campus with other Health Science Center Campuses and South Texas Academic institutions (4) engage high school and university students in science education and research. A joint Master of Public Administration and Master of Public Health degree program is slated to start in 2013. This program will be a joint degree program with Texas A&M International University and the UT School of Public Health Campus in Brownsville. We seek to expand dental programs with more educational opportunities via the pediatric dentistry residency program, long distance learning, and clinical and outreach training sites.

